

SCIENTIFIC COMMITTEE

Grazia Chiellini
Raffaele De Caterina
Emanuele Neri
Aldo Paolicchi
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ORGANIZATIONAL SECRETARIAT



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VENUE

AULA MAGNA NUOVA
PALAZZO DELLA SAPIENZA
UNIVERSITY OF PISA

Via Curtatone e Montanara, 15 - Pisa

PATROCINIO



UNIVERSITÀ
DI PISA



INTERNATIONAL SYMPOSIUM

The University of Pisa meets the Cardiovascular Division of the Mayo Clinic



UNIVERSITÀ DI PISA - PALAZZO DELLA SAPIENZA
Aula Magna Nuova
PISA 21-22 March 2024

21 MARCH 2024

08:30 Introduction

Welcome greetings from:

Riccardo Zucchi – Rector, University of Pisa

Silvia Briani – General Director, Pisa University Hospital

Michele Conti – Mayor of Pisa

09:00 **OPENING LECTURES**

Grazia Chiellini, Aldo Paolicchi

The relevance of internationalization for the University of Pisa Medical Area **Ugo Faraguna**

The Mayo Clinic Cardiology Program **Amir Lerman**

The University of Pisa Cardiology Program **Raffaele De Caterina**

10:00 **ATHEROTHROMBOSIS**

Alessandro Antonelli, Stefano Del Prato

From Mayo – Prognostic value of carotid plaque composition **Valentina Nardi**

From Pisa – Detection of the vulnerable carotid plaque-The CAMP project

Luna Gargani

Discussion

11:00 *Coffee Break*

11:30 **ATRIAL FIBRILLATION**

Lorenzo Ghiadoni, Giulio Zucchelli

From Mayo – Atrial Fibrillation Screening: Who, When, and How? **Peter Noseworthy**

From Pisa – Atrial cardiomyopathy and atrial fibrillation **Gabriele Masini**

Discussion

12:30 **KEYNOTE LECTURE**

The new frontier in anticoagulation: Factor XI inhibitors **Raffaele De Caterina**

13:00 *Lunch*

14:00 **ISCHEMIC HEART DISEASE**

Andrea Colli, Marco Lucchi

From Mayo – Coronary artery disease in women: case base **Amir Lerman**

From Pisa – The European MINOCA Survey and a diagnostic algorithm for MINOCA

Doralisa Morrone

Discussion

15:00 **HEART FAILURE WITH PRESERVED EJECTION FRACTION**

Angelo Gemignani, Claudio Passino

From Mayo – The role of the microcirculation in HFpEF **Amir Lerman**

From Pisa – The cardiopulmonary test to characterize HFpEF patients

Nicola Riccardo Pugliese

Discussion

16:00 **KEYNOTE LECTURE**

New frontiers in cardiac amyloidosis research

Michele Emdin (*Scuola Superiore S. Anna/Fondazione Toscana Gabriele Monasterio*)

16:30 *Coffee Break*

17:00 **NEW TOPICS FROM CARDIOVASCULAR RESEARCH IN PISA**

Piero Marchetti, Anna Solini

• From pulmonary thromboembolism to pulmonary hypertension **Rosalinda Madonna**

• Treatment of mitral and tricuspid regurgitation **Marco De Carlo**

• Relationship between bariatric surgery and renal function **Diego Moriconi**

• Beta cell overdrive: a quest for balance **Domenico Tricò**

Discussants: **Amir Lerman, Lilach Lerman, Francisco Lopez-Jimenez, Valentina Nardi,**

Peter Noseworthy,

18:30 **End of the day**

22 MARCH 2024

09:00 **PREVENTION**

Maurizia Rossana Brunetto, Monica Nannipieri

From Mayo – Diagnosis and management of obesity from the cardiologist's perspective

Francisco Lopez-Jimenez

From Pisa – New drugs for the treatment of obesity and reduction of cardiovascular risk

Ferruccio Santini

Discussion

10:00 **HYPERTENSION**

Nunzia Bernardini, Agostino Virdis

From Mayo – New treatment paradigms in renovascular hypertension **Lilach Lerman**

From Pisa – New research areas in hypertension **Stefano Masi**

Discussion

11:00 *Coffee Break*

11:30 **KEYNOTE LECTURE**

New drugs for the treatment of hypertension **Stefano Taddei**

12:00 **ARTIFICIAL INTELLIGENCE IN CARDIOMETABOLIC DISEASE**

Emanuele Neri, Giusy Scandurra

From Pisa – The evolution of search engines and their application to medical science

Paolo Ferragina

From Mayo – Building an artificial intelligence center of excellence from scratch: the story

of AI in Cardiology at Mayo Clinic **Francisco Lopez-Jimenez**

From Mayo – Application of artificial intelligence to the ECG: From retrospective analysis to

prospective trials, to clinical implementation **Peter Noseworthy**

Discussion

13:30 **CONCLUSION**

Raffaele De Caterina, Stefano Taddei

Internationalization as a great opportunity for medical education **Caterina Rizzo**

Mayo Clinic – University of Pisa future collaborations

Amir Lerman, Raffaele De Caterina, Stefano Taddei

